



# Missouri Weekly Influenza Report 2007-2008 Season<sup>1</sup>

**Missouri is reporting “Sporadic” to the CDC for Week 2<sup>2</sup>.**

**To view influenza maps click here. Each map will give county data by placing the cursor over the county.**

**Table 1. Reported Laboratory cases by sub-type for the Week ending January 12, 2008 (Week 2)**

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 2	95	1	0	0	17	31	144

142 cases by rapid non-culture diagnostic test, 1 culture confirmed type A (H1) and 1 culture confirmed type B have been reported for week 2.

**Table 2. Influenza Season-to-Date and 5-season Median by Influenza Type  
Through Week Ending January 12, 2008 (Week 2)**

Influenza Type	2007-08 Season	5-Season Median	Percent Change from 5-Season Median
Influenza A	423	489	(13.5%)
Influenza B	64	127	(49.6%)
Influenza Unknown Or Untyped	66	551	(88.0%)
Total	553	808	(31.6%)

**Table 3. Influenza Season-to-Date and  
5-season Median by Age Group  
Through Week Ending January 12, 2008 (Week 2)**

Age Group	2007-08 Count	5-Season Median	Percent Change from 5-Season Median
00-<02	60	91	(34.1%)
02-04	65	86	(24.4%)
05-14	106	398	(73.4%)
15-24	79	85	(7.1%)
25-49	152	185	(17.8%)
50-64	55	59	(6.8%)
65+	36	126	(71.4%)
Total	553	808	(31.6%)

**Table 4. Influenza Season-to-Date and  
5-season Median by Region  
Through Week Ending January 12, 2008 (Week 2)**

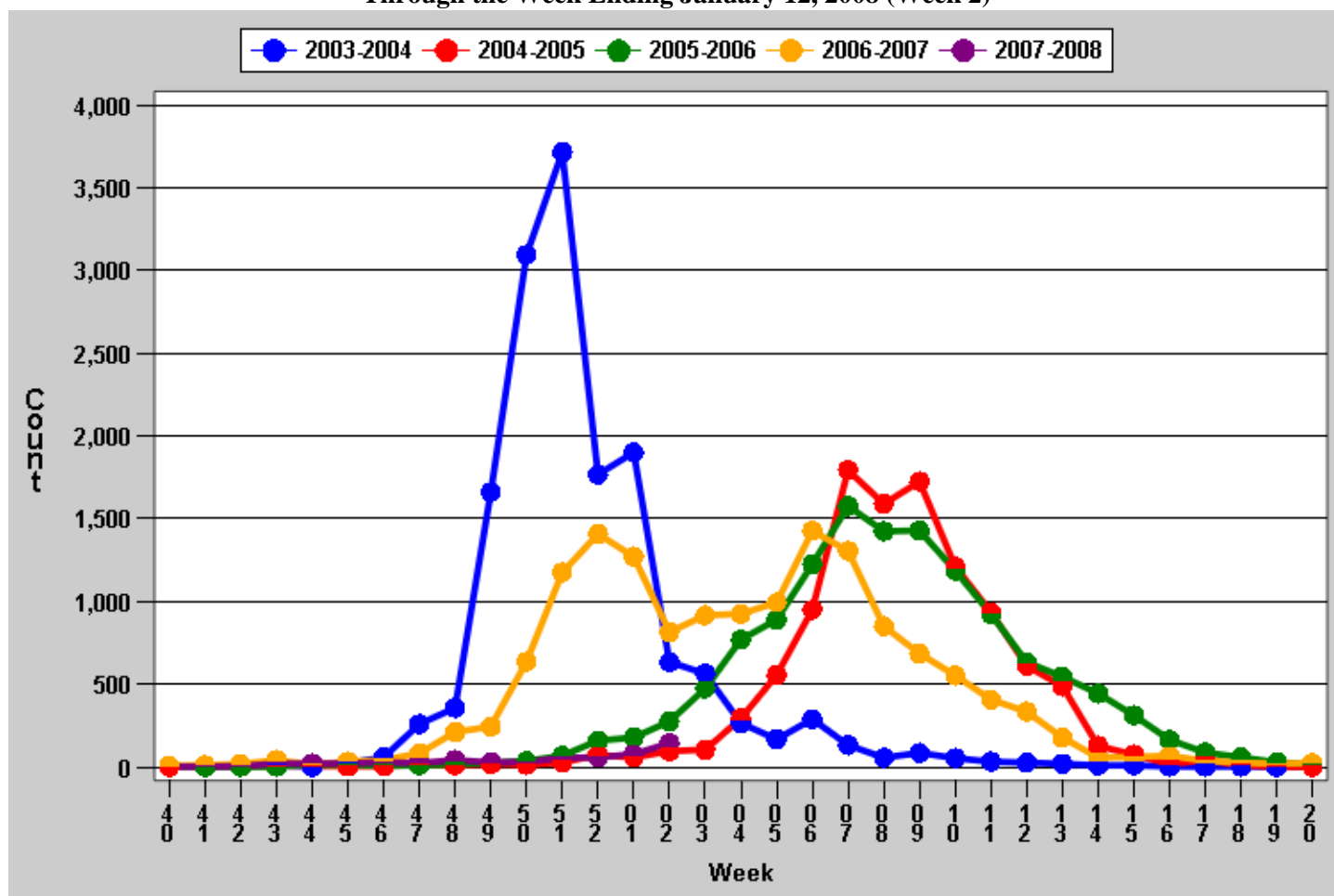
Region	2007-08 Count	5-Season Median	Percent Change from 5-Season Median
CE	30	158	(81.0%)
EA	141	198	(28.8%)
NW	51	476	(89.3%)
SE	12	17	(29.4%)
SW	319	103	209.7%
Total	553	808	(31.6%)

**Table 5. Deaths involving Pneumonia and Influenza (P&I)  
Reported During the Week Ending January 5, 2008 (Week 1)\***

Week 1	Season-to-Date	Week 1 Last Season	5 Year Weekly Median
90	816	75	97

\* Beginning in Week 35 of 2003, the number of P&I deaths became based on a new system of retrieval that now includes all contributing causes of death from death certificates.

**Graph 1. Influenza 2007-08 Season-To-Date as compared to the previous 4 influenza seasons  
Through the Week Ending January 12, 2008 (Week 2)**



**Table 6. U.S. Influenza Sentinel Physicians Surveillance Network  
Influenza-like Illness (ILI) for the Week Ending January 5, 2008 (Week 1)**

Age 0-4	Age 5-24	Age 25-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI*
0	2	3	0	5	1318	0.37

\*This is below the national baseline of 7.2%

**Table 7. Respiratory Specimens Submitted to SPHL for Viral Testing  
Through the Week Ending January 12, 2008 (Week 2)\***

	Positive Influenza	Total Number Specimens Submitted
Week 2	2	3
Season-to-Date	3	39

**Antigenic Characterization of Missouri Influenza Isolates submitted to CDC by the State Public Health Laboratory:** CDC antigenically characterizes a sample of positive Missouri influenza isolates, submitted through the Missouri Department of Health and Senior Services (DHSS), State Public Health Laboratory (SPHL).

**Results Received from CDC:** As results become available during the season, detailed information will be included here.

**Clusters/Outbreaks of Influenza-like Illness:** No school closings have been reported for week 2 of current or last season. No outbreaks have been reported for week 2 of current or last season.

**Data Sources:** Laboratory-confirmed cases are reported to DHSS through the passive communicable disease surveillance system. Suspected influenza clusters and outbreaks are reported through the active surveillance system. Pneumonia and influenza deaths are reported through the DHSS Bureau of Vital Records. Influenza-like illness data by age category and total number of patient visits by week are reported voluntarily by participants in the U.S. Influenza Sentinel Physicians Surveillance Network.

### Find Us on the Web

This report may also be found on the DHSS Internet at: [www.dhss.state.mo.us/Influenza/index.html](http://www.dhss.state.mo.us/Influenza/index.html).

National influenza surveillance information is available from the Centers for Disease Control and Prevention at: [www.cdc.gov/ncidod/diseases/flu/weekly.htm](http://www.cdc.gov/ncidod/diseases/flu/weekly.htm).

### Contact Us

The Missouri Department of Health and Senior Services after hour's number for reporting disease cases and emergencies is **1-800-392-0272**.

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<sup>1</sup> *All data in this report are provisional and may change as reports are updated.*

<sup>2</sup> *Influenza activity codes are reported to CDC each Monday.*